

**THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE  
PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:**

1. A door assembly comprising an articulated door  
5 formed from a plurality of panels hingedly secured to one  
another, each of said panels being fitted to at least one  
end thereof with a chain link part extending across the  
end of the panel, said assembly including a rotatable  
toothed gear which is rotated by a drive system of said  
10 assembly and which engages the chain link part at the end  
of each of the panels for opening and closing the  
articulated door.
2. A door assembly as claimed in Claim 1 wherein each  
15 of said panels comprises a resin based outer shell filled  
with a rigid foam material and said chain link part  
comprises an end fitting of the panel fitted to the outer  
shell covering the rigid foam material.
- 20 3. A door assembly as claimed in Claim 2 wherein said  
end fitting has a plug portion which fits into the shell  
of the panel, the chain link part being attached to from  
the plug portion.
- 25 4. A door assembly as claimed in Claim 2 wherein said  
assembly includes a guide track and said end fitting  
includes a roller to each end of the chain link part, the  
rollers of the end fitting being located in and riding  
along the guide track.  
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5. A door assembly as claimed in Claim 1 wherein said  
drive system comprises a second gear attached to a side  
of said toothed gear and a power operated drive gear  
which engages with said second gear to rotate said  
35 toothed gear.

6. A door assembly comprising an articulated door formed by a plurality of panels secured by hinge connections to one another, and a drive system for opening and closing said door, said drive system  
5 comprising a chain formed by a plurality of links, the links comprising end fittings of the panels and each link presenting a engaging part, the links of the chain being secured by pivot connections aligned with the hinge connections of the panels, said chain including rollers  
10 at each of the pivot connections of the chain, a guide track along which the rollers of the chain travel as the door is opened and closed and a drive system for opening and closing the door.

15 7. A door assembly as claimed in Claim 6 wherein said drive system comprises a rotating toothed gear which engages the links of the chain, a second gear attached to one side of the rotating toothed gear and a power drive gear which turns said second gear to rotate said toothed  
20 gear.

8. A door assembly as claimed in Claim 7 wherein the end fittings include plug portions which push into the ends of the panels.

25 9. A door assembly as claimed in Claim 8 wherein each of the panels comprises an outer shell of resin based material, the shell being filled with a solid foam material which is covered by the plug portion of the end  
30 fitting.

10. A door assembly comprising an articulated door<sup>4</sup> formed from a plurality of panels hingedly connected to one another, each of said panels having an end fitting,  
35 the end fittings of the panels being pivotally linked with one another to form a chain to one side of the

articulated door, said assembly further including a rotatable toothed gear which engages the chain formed by the end fittings for opening and closing the articulated door.

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11. A door assembly as claimed in Claim 10 wherein said panels and said end fittings have a resin based construction, each of said end fittings comprising a chain link part and a plug part, the panels having open  
10 ends and the plug parts of the end fittings being pushed into the open ends of the panels.